

IFW 2644

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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

4

Application Number	09/534,682
Filing Date	3/24/2000
First Named Inventor	Lloyd Watts
Art Unit	2644
Examiner Name	Devona E. Faulk
Attorney Docket Number	PA2994US

### ENCLOSURES (Check all that apply)

- |  |   |   |
|--|---|---|
| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Reply to Missing Parts/<br>Incomplete Application<br><input type="checkbox"/> Reply to Missing Parts<br>under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a<br>Provisional Application<br><input checked="" type="checkbox"/> Power of Attorney, Revocation<br>Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____<br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC<br><br><input type="checkbox"/> Appeal Communication to Board<br>of Appeals and Interferences<br><br><input type="checkbox"/> Appeal Communication to TC<br>(Appeal Notice, Brief, Reply Brief)<br><br><input type="checkbox"/> Proprietary Information<br><br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify<br>below):<br>1) Confirmation postcard<br>2) Statement Under 37 CFR 3.73(b) (1 pg.) |
|--|---|---|

#### Remarks

Total number of pages does not include postcard.

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Carr & Ferrell LLP Cust. No. 22830		
Signature			
Printed name	Susan Yee		
Date	March 16, 2005	Reg. No.	41,388

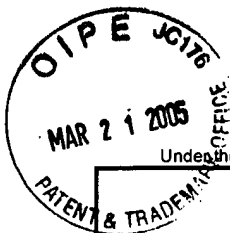
### CERTIFICATE OF TRANSMISSION/MAILING

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Signature			
Typed or printed name	Susan Yee, Reg. No. 41,388	Date	March 16, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Audience, Inc.Application No./Patent No.: 09/534,682 Filed/Issue Date: March 24, 2000Entitled: Efficient Computation of Log-Frequency-Scale Digital Filter CascadeAudience, Inc., a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: Lloyd Watts To: Interval Research Corp.

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2. From: Interval Research Corp. To: Applied Neurosystems Corp.

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Reel 012458, Frame 0671, or for which a copy thereof is attached.

3. From: Applied Neurosystems Corp. To: Audience, Inc.

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Reel 015703, Frame 0583, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Signature

03/09/2005

Date

George Apostol

Printed or Typed Name

(650) 254-1400 x29

Telephone Number

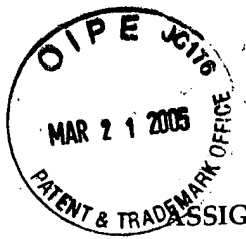
Vice President, IC Engineering

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PA 2994



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSIGNEE:

Audience, Inc.

TITLE:

See Schedule A

U.S. SERIAL NO.:

See Schedule A

FILING DATE:

See Schedule A

RECORDATION ENTRY DATE:

See Schedule A

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ALEXANDRIA, VA 22313-1450

REVOCATION AND POWER OF ATTORNEY

I, the undersigned, **George Apostol**, Vice President IC Engineering for **Audience, Inc.**, the assignee of the entire right, title and interest in the United States patents and patent applications referenced in Schedule A, am authorized to act and sign on behalf of the assignee and hereby revoke all prior powers of attorney previously submitted in the U.S. patents and patent applications referenced in Schedule A and hereby appoint the agents and attorneys associated with **Customer Number 22830** to prosecute these applications and to transact all business in the U.S. Patent and Trademark Office connected therewith.

Please direct all communication relative to these applications to the following correspondence address:

CARR & FERRELL LLP  
2200 Geng Road  
Palo Alto, CA 94303  
TEL: 650.812.3400  
FAX: 650.812.3444

Respectfully submitted,

Date: 03/09/2005

  
George Apostol  
Vice President IC Engineering

Schedule A

Our Ref.	Title	Application No. / Patent No.	Filed/ Issued
PA2994US	Efficient Computation of Log-Frequency-Scale Digital Filter Cascade	09/534,682	3/24/2000
PA2995US	Memory Cell Array for Performing a Comparison	09/356,485 6,198,668 B1	7/19/1999 3/6/2001
PA2996US	Robust Hearing Systems for Intelligent Machines	10/177,049	6/21/2002
PA2997US	Editing of Audio Signals	09/993,442	11/13/2001
PA2998US	Computation of Multi-Sensor Time Delays	10/004,141 6,792,118 B2	11/14/2001 9/14/2004
PA2999US	Filter Set for Frequency Analysis	10/074,991	2/13/2002
PA3001US	Noise-Robust Methods for High-Performance Automatic Speech Recognition	10/439,284	5/14/2003
PA3003US	Reverberation Removal	10/959,408	10/5/2004
PA3007US	Generating a Sparse Representation of an Audio Signal	11/011,487	12/13/2004
PA3015US	Computation of Multi-Sensor Time Delays	10/840,201	5/5/2004
PA3016US	Filter Set for Frequency Analysis	10/613,224	7/3/2003

